

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	130	((cold with metal with transfer\$4) or CMT) with weld\$3	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/28 17:17
S11	313	(219/130.5).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/13 15:44
S17	293	b23k9/10.ipc.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/13 16:15
S23	522	(219/137.71).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 14:27
S24	1126	(219/137ps).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 14:56
S31	192	(219/130.31).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 16:21
S32	309	(219/130.32).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 16:37
S33	501	(219/130.21).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 16:55
S34	181	(219/130.33).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 16:57
S35	949	(219/130.4).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 17:04
S36	313	(219/130.5).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 17:05
S39	600	(219/130.51).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 17:17
S40	396	(219/137.7).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 18:04
S41	4691	(219/137r).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; IPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 18:07

S46	522	(219/137.71).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/20 18:39
S48	19	((JOSEF) near2 (ARTELSMAIR)).INV.	EPO; JPO; DERWENT	ADJ	ON	2009/03/21 10:21
S49	32	((JOSEF) near2 (ARTELSMAIR)).INV.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 10:24
S52	129	weld\$3 with (spray-arc or spray arc)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 15:55
S56	75	(method or process) with weld\$3 and (cold with metal with transfer)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/21 17:03
S77	76	B23K9/09.ipc.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/13 15:00
S79	614	(219/130.1).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 16:13
S86	506	(219/130.21).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 16:42
S87	192	(219/130.31).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 17:32
S89	310	(219/130.32).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/13 17:44
S93	192	(219/130.31).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/19 20:28
S94	310	(219/130.32).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/19 20:28
S95	183	(219/130.33).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/19 20:28
S96	315	(219/130.5).OCLS.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/19 20:28
S112	2166	weld\$3 and (low energy) and (high energy)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 09:30
S113	1090	S112 and phase	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 09:30
S114	166055	*219*\$/cds.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 09:31

S115	53	S114 and S113	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 09:31
S116	306	(base or start\$3 or begin\$3) near current near phase	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/11/23 10:13
S117	9	S114 and S116	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 10:14
S125	506	(219/130.21).CCLS.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/23 11:26
S129	1446	S114 and (high near (energy or current) and low near(energy or current))	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 11:34
S130	903	S129 and weld\$3	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/23 11:34
S150	166161	*219*\$.cds.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/04 20:18
S151	620	S150 and (high near (energy or current) with low near(energy or current))	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/04 20:18
S152	41	S150 and weld with (high near (energy or current) with low near (energy or current))	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/04 20:19
S153	209	S150 and weld\$3 with (high near (energy or current) with low near (energy or current))	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/04 20:19
S161	4867	(weld\$3) and (adjust\$4 with pulse)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/02 13:55
S163	167435	*219*\$.cds.	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/02 13:57
S164	110	S163 and S162	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/02 13:57
S165	218	S161 and (first near phase) and (second near phase)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/06/02 14:06
S194	268	weld\$3 and (pulse near2 current) with (short near circuit\$3)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/01 23:27
S195	182	weld\$3 with (pulse near2 current) with (short near circuit\$3)	US_PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/12/01 23:33

S214	176	(short near circuit) and ((weld\$3 near wire) with (forward\$3 or advance\$3 or retract\$3 or reverse \$3))	US-PPGUB; USPAT; USOCR; FPRS; EPO; IPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/27 21:19
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